

Title (en)
ADJUSTABLE HYSTERESIS DRIVER

Title (de)
EINSTELLBARER HYSTERESEMITNEHMER

Title (fr)
ENTRAINEUR A HYSTERESIS REGLABLE

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Application
EP 05810654 A 20051129

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Abstract (en)
[origin: US2008210512A1] The invention concerns an adjustable hysteresis driver, with a rotor component (5) on the input side that can be driven and/or a stator component (7', 7''), with an armature component (8) on the output side in fixed connection with a shaft (4), with a hysteresis component (9) connected to the armature component (8), the stator component (7', 7'') comprising an electromagnet (7 a) or permanent magnet (18) by means of which a magnetic flux can be induced in the rotor component (5) and/or the stator component (7', 7 ''), and in which the torque that can be transmitted can be adjusted by electromagnetic or electro-mechanical means. The purpose of the invention is to propose a hysteresis driver with improved adjustability. To achieve this it is provided that the hysteresis driver consists of a hysteresis clutch or a hysteresis brake and has active operating means for implementing a "fail-safe" function, which, if the current supply to the electromagnet (7 a) fails, ensures that a torque is transferred either by a mechanical coupling or by the action of permanent magnet force between the rotor component (5) of a hysteresis clutch or the stator component (7 '') of a hysteresis brake and the said armature component (8).

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